

## EAST Search History

| Ref # | Hits   | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|--|------------------|---------|------------------|
| L1    | 168    | ("20010009784" "20020074598" "20020086472" "20020086497" "20020090791" "20030032261" "20030040158" "20030057184" "20030067035" "20050082522" "20050106792" "3602841" "4665415" "4853076" "4855245" "4910572" "4952524" "4958213" "5006913" "5060030" "5081513" "5108843" "5134085" "5310446" "5354695" "5371399" "5391510" "5459346" "5471948" "5557122" "5561302" "5565697" "5571741" "5592007" "5592018" "5670798" "5679965" "5683934" "5840593" "5861651" "5880040" "5940716" "5940736" "5946559" "5960297" "5981356" "5989978" "6008126" "6025280" "6046464" "6066545" "6080637" "6090684" "6093621" "6107143" "6111292" "6117722" "6133071" "6165383" "6221735" "6228694" "6246095" "6255169" "6261964" "6265317" "6274444" "6281532" "6284623" "6284626" "6297117" "6319794" "6361885" "6362082" "6368931" "6403486" "6403975" "6406973" "6461936" "6476462" "6493497" "6498358" "6501121" "6506652" "6509618" "6521964" "6531369" "6531740" "6563152" "6583060").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/05/25 17:04 |
| L2    | 208811 | (recess\$2 groove\$2 open\$3 trench\$2) WITH (epi\$6 epitaxial\$2 silicon Si)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/05/25 17:24 |
| L3    | 51675  | (recess\$2 groove\$2 open\$3 trench\$2) WITH stress   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/05/25 17:46 |
| L4    | 5395   | ((first near (recess\$2 groove\$2 open\$3 trench\$2)) WITH (second near (recess\$2 groove\$2 open\$3 trench\$2)) WITH substrate)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/05/25 17:44 |
| L5    | 13     | 4 same 3 same 2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/05/25 17:30 |

## EAST Search History

|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| L6  | 194    | 4 and 3 and 2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/05/25 17:45 |
| L7  | 28     | ((first near (recess\$2 groove\$2 open\$3 trench\$2)) WITH (second near (recess\$2 groove\$2 open\$3 trench\$2)) WITH substrate with stress) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/05/25 17:44 |
| L8  | 936    | 4 and (gate with (sidewall\$1 spacer\$1 (side near wall\$1)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/05/25 17:55 |
| L9  | 399232 | (recess\$2 groove\$2 open\$3 trench\$2) WITH fill\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/05/25 17:52 |
| L10 | 612    | 9 and 8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/05/25 17:47 |
| L11 | 112    | 10 and stress  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/05/25 17:47 |
| L12 | 2214   | (recess\$2 groove\$2 open\$3 trench\$2) WITH fill\$3 with stress   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/05/25 17:53 |
| L13 | 52     | 12 and 4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/05/25 17:53 |
| L14 | 207    | 12 and (gate with (sidewall\$1 spacer\$1 (side near wall\$1)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/05/25 17:55 |

## EAST Search History

|     |    |  |                              |    |    |                  |
|-----|----|--|------------------------------|----|----|------------------|
| L15 | 24 | ("4571819"   "4656497"   "5081516"  <br>"5091326"   "5112772"   "5742091"  <br>"6001740"   "6037237"   "6057207"  <br>"6074909"   "6147394"   "6194283"  <br>"6251747"   "6255176"   "6297128"  <br>"6326281"   "6380067"   "6391720"  <br>"6429477"   "6436833"   "6551901"  <br>"6624039"   "6627946"   "6733955").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/05/25 18:06 |
|-----|----|--|------------------------------|----|----|------------------|